

**ABSTRACT OF THE INVENTION**

An automatic transmission apparatus for a vehicle is provided with a control inputting apparatus (2) having a 5 select lever (7), a power assisting apparatus (3) adding an assisting force to a control force input to the control inputting apparatus (2) so as to output to the automatic transmission (1), a first cable (4) for transmitting the control force to the power assisting apparatus (3), and a 10 second cable (5) for transmitting an output force of the power assisting apparatus (3) to the automatic transmission (1). Further, the power assisting apparatus (3) is provided with a torque sensor (29) for detecting the control force, a position detecting means for detecting a rotation position of 15 an output shaft (20) outputting an assisting force in addition to the control force to the automatic transmission (1), and a controller (37) for stopping the output shaft at a stop position of the output shaft in correspondence to each of preset range positions of the automatic transmission (1).  
20